

Kobe Sarausad

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Education

University of Washington

Bachelor of Science in Statistics: Data Science

Seattle, WA

Sep 2019 - Jun 2023

GPA: 3.53/4.00

Relevant Coursework: Data Structures and Algorithms, Foundational Skills for Data Science, Statistical Computing, Data Visualization, Machine Learning, Applied Regression and Analysis of Variance

Experience

Seattle Mariners

Business Insights Intern

Seattle, WA

Nov 2022 - Present

- Maintained data clarity and hygiene with information tied to customers by ensuring the accuracy and consistency of data across multiple systems.
- Produced PowerBI dashboards that compile key metrics for a specific audience (less data technical) to provide insights into business performance and inform decision-making.
- Automated tasks with Python, such as scraping external data for in-house use with BeautifulSoup and carrying out routine tasks, to increase productivity and efficiency.

University of Washington

Data Science Intern

Seattle, WA

Sep 2022 - Present

- Built interactive visualizations with D3.js to communicate machine learning model outputs to stakeholders and decision-makers.
- Collaborated with the UX team to study the best way to present information, resulting in the development of user-friendly visualizations on DawgPath (an educational exploratory tool).
- Tuned deep learning models to create predictions about a student's quarterly success based on their activity on Canvas, the university's learning management system.

MLB

Analytics Intern

New York, NY

Jun 2022 - Aug 2022

- Built out data dictionaries and data mapping for relational databases with Lucid chart to ensure consistency and accuracy in data storage and retrieval.
- Segmented customers of MLB.tv using k-prototype clustering in Python to uncover groups that required strategic targeting for marketing campaigns.
- Automated queries and reports using R to increase efficiency and reduce the time needed to perform routine tasks.

Projects

Quantifying the Polarization of Congress using SVD ([R](#)): discovered hidden trends in data using dimension reduction (SVD) on the roll calls of congress

NBA MVP Prediction using Machine Learning ([R](#), [slides](#)): predicted the NBA MVP by combining season game-level statistics and sentiment analysis. Achieved 77% accuracy throughout the 2010-2022 NBA seasons

Presenting American Homelessness Data With Interactive Visualizations ([Vega-Lite](#)): created interactive visualizations using Vega-Lite to present the trends and patterns of homelessness in the United States

Projecting Crime Frequency, Datathon 2023 ([D3](#)): compared different deep learning models that best predicted most likely crime. Produced report using D3.js in an article-style format.

Uncovering Neglected Pro Bono Cases using Survival Analysis, DataFest 2023 ([R](#)): applied survival analysis to suggest the cases the ABA should focus on.

Skills

Software Tools: Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, PowerBI, Tableau, GitHub, Microsoft Excel,

Programming Languages: R, Python, JavaScript, HTML, CSS, Java, Node.js, SQL Server, SQLite

Languages: English, Japanese (limited working proficiency)